

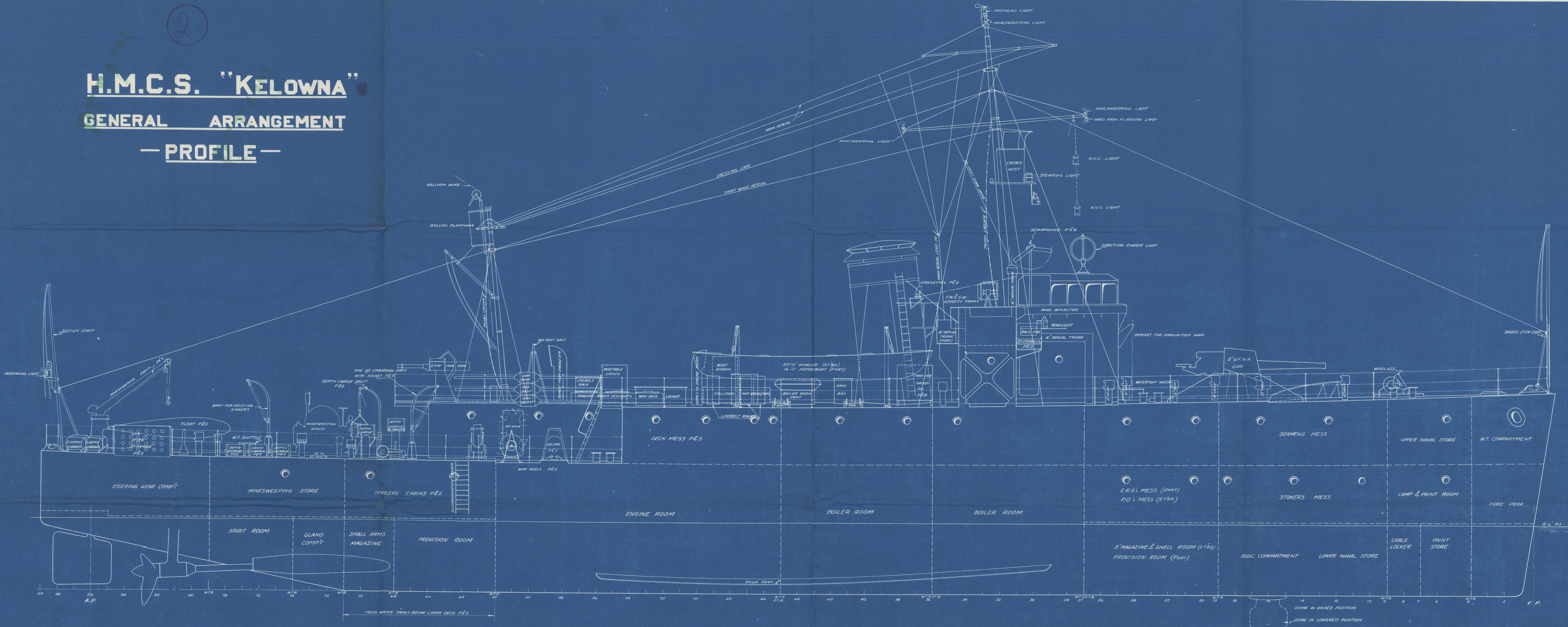
J261

(2)

# H.M.C.S. "KELOWNA"

## GENERAL ARRANGEMENT

### — PROFILE —



**PRINCE RUPERT DRYDOCK & SHIPYARD  
PRINCE RUPERT B.C.  
DWG. N°1**

# H.M.C.S. "KELOWNA"

# GENERAL ARRANGEMENTS

## OF

# FORECASTLE AND UPPER DECK

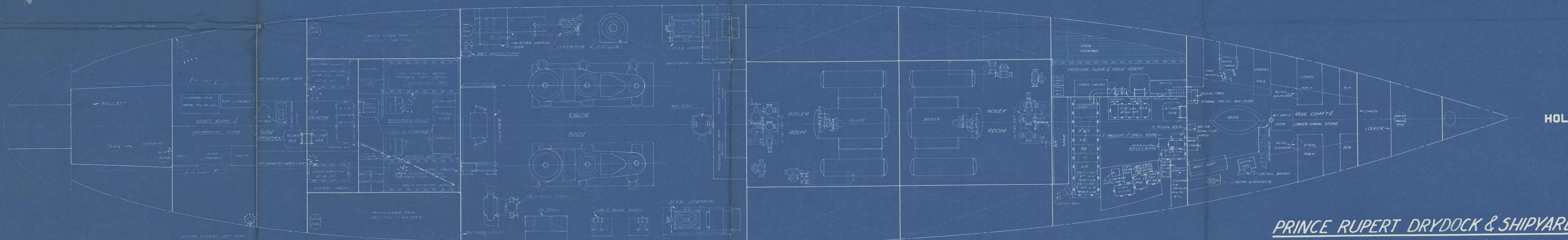
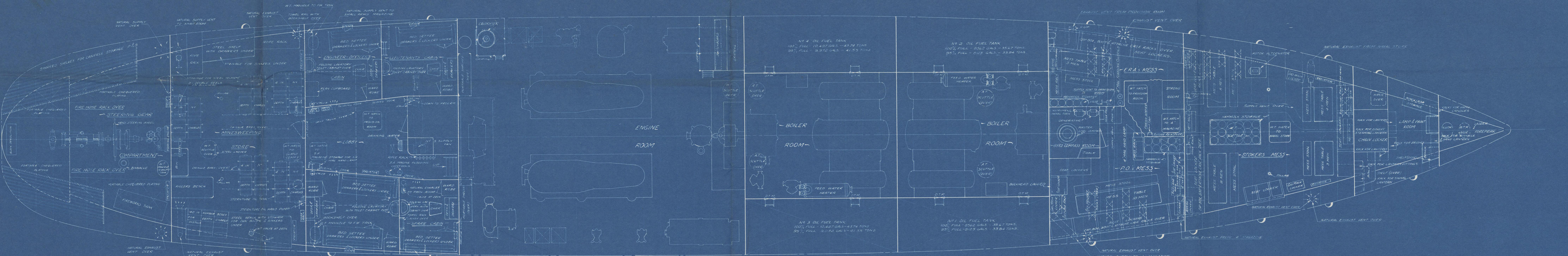
DWG N<sup>o</sup> 2 A

— PRINCE RUPERT DRYDOCK & SHIPYARD —

*- PRINCE RUPERT B.C. -*

**- H.M.C.S. "KELOWNA" -**

**GENERAL ARRANGEMENT  
OF  
LOWER DECK AND HOLD**

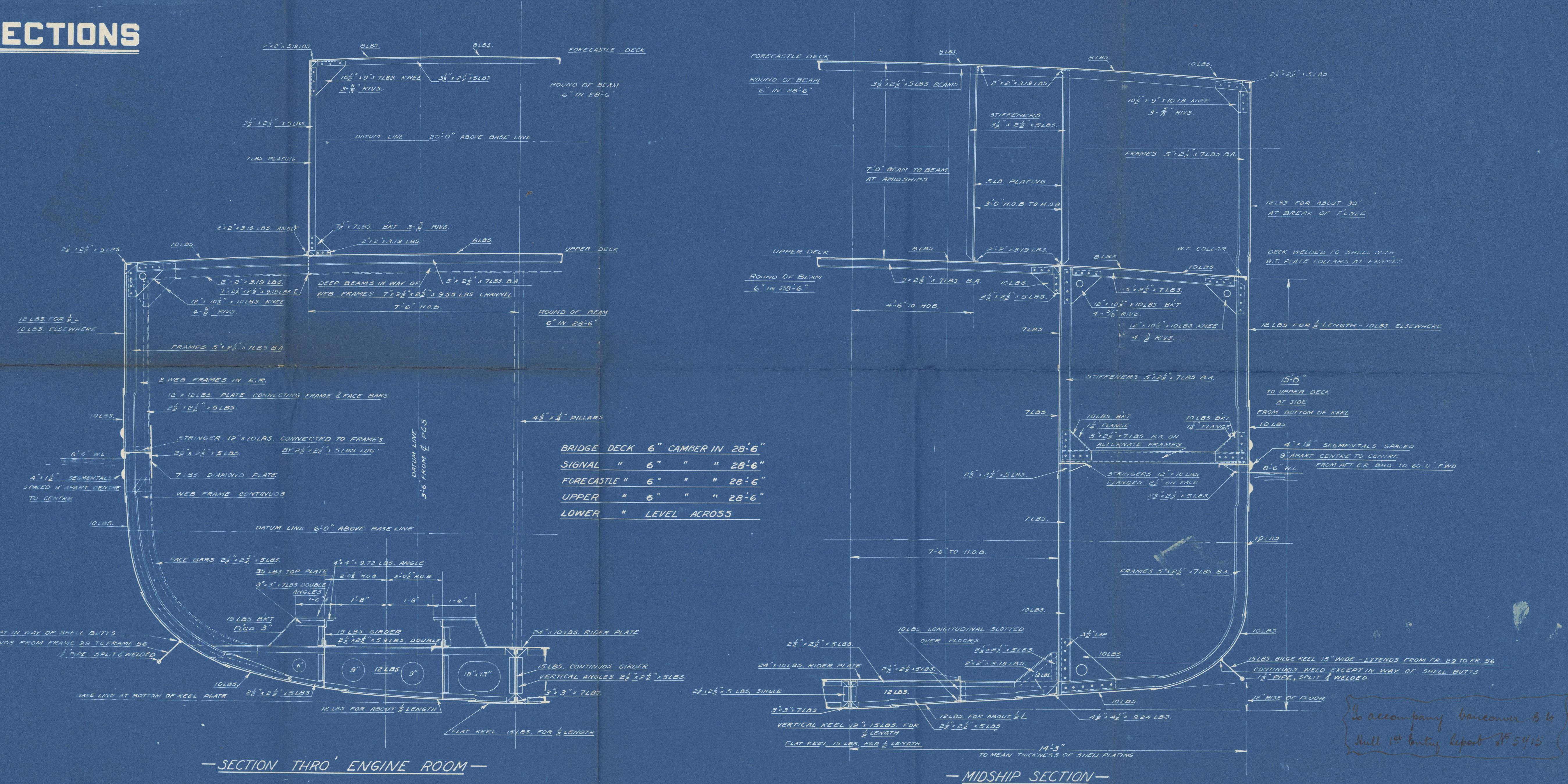


**PRINCE RUPERT DRYDOCK & SHIPYARD  
PRINCE RUPERT B.C.  
DRAWG. N°2B**

# H.M.C.S. KELOWNA \*

## STRUCTURAL SECTIONS

<u>DIMENSIONS</u>	
LENGTH O.A.	180'-0 <sup>3</sup> / <sub>8</sub> "
LENGTH B.P.	171'-6 <sup>3</sup> / <sub>8</sub> "
BREADTH MOULDED	28'-5 <sup>3</sup> / <sub>8</sub> "
DEPTH MOULDED TO UPPER DECK	15'-5 <sup>1</sup> / <sub>2</sub> "
BOTTOM OF KEEL TO UPPER DECK	15'-6"



PRINCE RUPERT DRYDOCK & SHIPYARD

PRINCE RUPERT B.C.

DRAWING NO 10 2020

-H.M.C.S. "KELOWNA"-  
- SPEED & POWER CURVES -



PRINCE RUPERT DRYDOCK & SHIPYARD  
PRINCE RUPERT B.C.

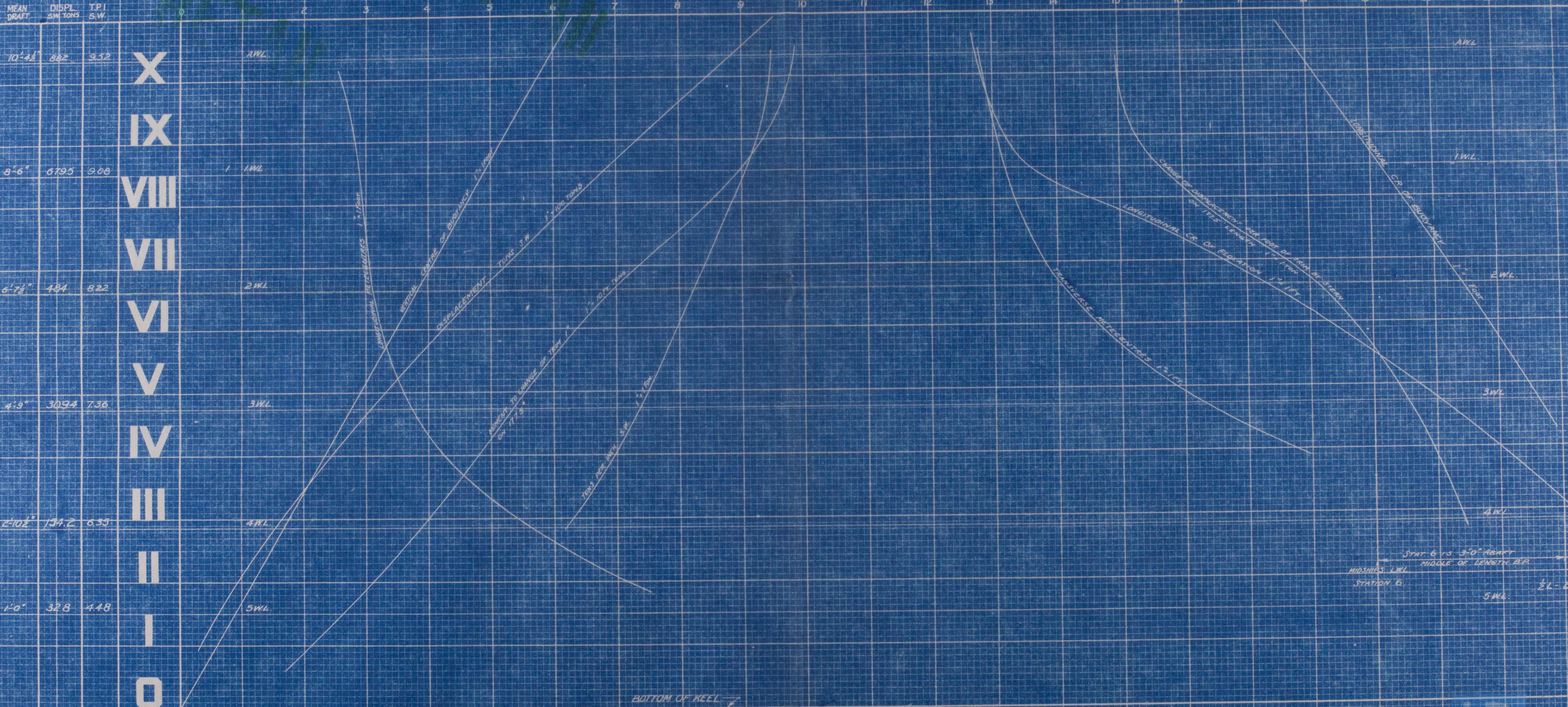
Dwg N° 15

# H.M.C.S. KELOWNA

## HYDROSTATIC CURVES

### PRINCIPAL DIMENSIONS -

LENGTH OVERALL 179' 11"  
 LENGTH BETWEEN PERPENDICULARS 171' 5 1/4"  
 LENGTH ON 8' 6" M.L. 177' 6"  
 BREADTH EXTREME 28' 6 1/4"  
 DEPTH MOULDED 10' 6"



PRINCE RUPERT DRYDOCK & SHIPYARD  
 PRINCE RUPERT B.C.

DRAWING № 11

11071-0309

**H.M.C.S. "KELOWNA"****OIL FUEL AND FRESH WATER CALIBRATIONS**

No 1 OIL FUEL TANK			
SOUNDING	GALLONS	TONS	REMARKS
-15	8459	33.24	100% FULL - 14'-11 <sup>3</sup> / <sub>4</sub> "
	8263	34.50	8562 GALS - 35.67 TONS
-14	8112	33.76	95% FULL - 14'-3 <sup>1</sup> / <sub>2</sub> "
	7940	33.08	8123 GALS - 33.84 TONS
-13	7817	32.76	
	7694	31.64	
-12	7420	30.81	
	7247	30.19	
-11	7075	29.49	
	6803	28.76	
-10	6733	28.05	
	6562	27.34	
-9	6392	26.63	
	6222	25.92	
-8	5952	25.22	CAPACITY GIVEN EVERY 3 INCHES
	5706	24.51	
-7	5576	23.80	
	5336	23.08	
-6	5202	22.37	
	5036	20.88	
-5	4872	20.30	
	4710	19.62	
-4	4547	18.95	
	4380	18.28	
-3	4225	17.62	
	4068	16.95	
-2	3908	16.29	
	3751	15.62	TOTAL LENGTH OF SOUNDING TUBE 15'-2 <sup>1</sup> / <sub>2</sub> "
-1	3594	14.98	
	3436	14.32	
0	3275	13.64	
	3120	13.00	
-1	2966	12.32	
	2812	11.72	
-2	2653	11.03	
	2507	10.45	
-3	2358	9.82	
	2209	9.20	
-4	1923	8.60	
	1764	7.94	
-5	1645	6.85	
	1509	6.29	
-6	1376	5.73	STEAM HEATING
	1213	5.29	COILS
-7	993	4.84	JUST COVERED
	871	3.63	3'-2 <sup>1</sup> / <sub>2</sub> "
-8	753	3.19	
	640	2.66	
-9	533	2.22	
	435	1.81	
-10	344	1.43	
	261	1.09	
-11	188	.78	
	125	.52	

No 2 OIL FUEL TANK			
SOUNDING	GALLONS	TONS	REMARKS
-15	8439	33.24	100% FULL - 14'-11 <sup>3</sup> / <sub>4</sub> "
	8240	34.50	8562 GALS - 35.67 TONS
-14	8112	33.76	95% FULL - 14'-3 <sup>1</sup> / <sub>2</sub> "
	7940	33.08	8123 GALS - 33.84 TONS
-13	7767	32.36	
	7594	31.66	
-12	7420	30.91	
	7247	30.19	
-11	7075	29.49	
	6803	28.76	
-10	6633	28.05	
	6462	27.34	
-9	6392	26.63	
	6222	25.92	CAPACITY GIVEN EVERY 3 INCHES
-8	5952	25.22	
	5706	24.51	
-7	5576	23.80	
	5336	23.08	
-6	5202	22.37	
	5036	20.88	
-5	4872	20.30	
	4710	19.62	
-4	4547	18.95	
	4380	18.28	
-3	4225	17.62	
	4068	16.95	
-2	3908	16.29	
	3751	15.62	TOTAL LENGTH OF SOUNDING TUBE 14'-8"
-1	3594	14.98	
0	3436	14.32	
-1	3275	13.64	
	3120	13.00	
-2	2966	12.32	
	2812	11.72	
-3	2653	11.03	
	2507	10.45	
-4	2358	9.82	
	2209	9.20	
-5	1923	8.60	
	1764	7.94	
-6	1645	6.85	
	1509	6.29	
-7	1376	5.73	STEAM HEATING
	1213	5.29	COILS
-8	993	4.84	JUST COVERED
	871	3.63	3'-2 <sup>1</sup> / <sub>2</sub> "
-9	753	3.19	
	640	2.66	
-10	533	2.22	
	435	1.81	
-11	344	1.43	
	261	1.09	
-12	188	.78	
	125	.52	

No 3 OIL FUEL TANK			
SOUNDING	GALLONS	TONS	REMARKS
-15	10438	43.49	100% FULL - 15'-2"
	10310	42.96	10437 GALS - 43.74 TONS
-14	10190	42.21	95% FULL - 14'-3 <sup>1</sup> / <sub>2</sub> "
	9971	40.67	9972 GALS - 41.55 TONS
-13	9850	39.89	
	9731	38.16	
-12	9523	38.39	
	9303	37.61	
-11	9027	36.92	
	8802	36.84	
-10	8653	36.08	
	8447	35.24	
-9	8218	34.49	
	8091	33.71	
-8	7893	32.89	
	7712	32.19	
-7	7514	31.31	
	7333	30.53	CAPACITY GIVEN EVERY 3 INCHES
-6	7140	29.75	
	6950	28.97	
-5	6769	28.20	
	6584	27.43	
-4	6399	26.66	
	6215	25.89	
-3	6032	25.13	
	5847	24.37	
-2	5670	23.62	
	5493	22.87	
-1	5307	22.11	
0	5132	21.31	TOTAL LENGTH OF SOUNDING TUBE 15'-5"
-1	4960	20.56	
0	4754	19.81	
-1	4565	19.02	
0	4376	18.23	
-1	4183	17.43	
0	4003	16.68	
-1	3823	15.93	
0	3635	15.14	
-1	3443	14.30	
0	3272	13.62	
-1	3092	12.89	
0	2913	12.14	
-1	2732	11.38	
0	2540	10.58	
-1	2362	9.84	
0	2188	9.11	
-1	2014	8.39	STEAM HEATING
0	1842	7.61	COILS
-1	1654	6.85	JUST COVERED
0	1474	6.05	2'-6 <sup>1</sup> / <sub>2</sub> "
-1	1307	4.87	
0	1110	4.07	
-1	1008	4.20	
0	852	3.55	
-1	703	2.93	
0	562	2.34	
-1	430	1.79	
0	310	1.29	
-1	197	.82	
0	95	.39	

No 4 OIL FUEL TANK			
SOUNDING	GALLONS	TONS	REMARKS
-15	10380	43.25	100% FULL - 15'-0 <sup>1</sup> / <sub>2</sub> "
	10261	42.59	10267 GALS - 43.17 TONS
-14	10140	41.93	95% FULL - 14'-1 <sup>1</sup> / <sub>2</sub> "
	9921	41.03	9927 GALS - 41.55 TONS
-13	9748	39.53	
	9303	38.77	
-12	9120	38.00	
	8935	37.83	
-11			